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ney Docket No. 5649.1123

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Jung et al.

Confirmation No.: 6569

Application No.: 10/650,415

Group Art Unit No.: 2812

Filed: August 28, 2003

POST THERMAL TREATMENT METHODS OF FORMING HIGH

DIELECTRICLAYERS IN INTEGRATED CIRCUIT DEVICES

Date: April 14, 2004

Office of Patent Legal Administration Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

PETITION TO ACCORD THE PROPER FILING DATE

Sir:

For:

As set forth in 37 CFR § 1.10(c) and MPEP § 506.02, Applicant hereby petitions to grant the proper filing date of August 28, 2003 rather than August 29, 2003 for the above-identified patent application as this was the date the application was deposited as "Express Mail" in the U.S. Postal Service. The following is enclosed as evidence of August 28, 2003 being the correct filing date for the application which was properly filed under 37 C.F.R. § 1.10:

- 1. A true and accurate copy of the Cover Sheet for the Application showing the Express Mail signature and date on Page 3;
- 2. A true and accurate copy of the Express Mail Receipt marked by the United States Postal Service ("USPS") as a "date-in" or deposit date with the USPS of August 28, 2003; and
- 3. A true and accurate copy of our return post card and of the official filing receipt for this application, sent by the United States Patent and Trademark Office, showing that Applicant was improperly given the filing date of August 29, 2003 instead of the Express Mail date of August 28, 2003.

This petition is being filed promptly after Applicant became aware of the improperly accorded filing date. Accordingly, Applicant respectfully requests the granting of August 28, 2003 as the filing date pursuant to 37 CFR § 1.10.

In re: Jung et al.

Application No.: 10/650,415 Filed: August 28, 2003

Page 2

On the basis that Applicant properly followed the requirements of 37 CFR § 1.10 and the USPTO failed to accord the proper filing date under MPEP § 505 and thus the need to file this petition is due to error on the part of the USPTO, it is applicant's belief that no fee is due with this petition. However, the Commissioner is authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

Devin R. Jensen

Attorney For Applicant Registration No. 44,805

USPTO Customer No. 20792

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Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Office of Patent Legal Administration, Commissioner for Patents, P.O. Box 1450, Alexandria, VA ,22313-1450 on April 14, 2004.

Betty-Lou Rosser



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: **5649-1123**

DATE: August 28, 2003

UTILITY PATENT APPLICATION TRANSMITTAL LETTER AND FEE TRANSMITTAL FORM (37 CFR 1.53(b))

Mail Stop PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Republic of Korea

Sir:

Transmitted	herewith for filing under 37 CFR 1.53(b) is:	
a patent	application	
a Contin	nuation 🔲 a Divisional 🔲 a Continuation-in-l	Part (CIP)
and clair	ms priority to Korean Patent Application No. 2002-5	4606, filed on September 10, 2002
	or Application Identifier:	
Name:	Hyung-suk Jung	
Address:	107-2004, Joogong 1-danji Apt.	
	Hwanggol Maeul, Youngtong-dong	
	Paldal-gu, Suwon-city, Kyungki-do	
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	Sanbon-dong, Gunpo-city, Kyungki-do	
	Republic of Korea	
Name:	Yun-seok Kim	
Address:	7-1206, Daechi Woosung 1-cha Apt.	
	Daechi 3-dong, Gangnam-gu, Seoul	

Entitled: POST THERMAL TREATMENT METHODS OF FORMING HIGH DIELECTRICLAYERS IN INTEGRATED CIRCUIT DEVICES

ATTY DOCKET NO.: DATE: August 28, 20					
Correspondence Add Customer Number 20 Myers Bigel Sibley & Post Office Box 37428 Raleigh, NC 27627 Telephone: (919) 854- Facsimile: (919) 854-	1792 Sajovec -1400				
2. 20 pages of Sp 3. 8 sheets of For 4. Oath or Declara a. newly ex b. copy from c. DELETIC 5. Application Da 6. Incorporation F The entire discloss Box 4b, is conside by reference there 7. Microfiche Con 8. Assignment pa 9. Applicant claim 10. Information Di 11. Preliminary An 12. English Transla 13. Certified Copy 14. Sequence Listin a. computer reac b. paper copy c. statement in s 15. An Associate F	pecification (included and Drawings (35) action ecuted (original or comprise application (3) ON OF INVENTOR(1) at a Sheet. See 37 (3) Reference (useautre of the prior application as being part of the prior application as small entity starts sclosure Statement (Please action Document of Application Document of Application Sequence Listing Sequence Listing Postcard (MPEP)	ding 31 claims) 5 USC 113) 7 CFR 1.63(d) (for a statement of the stateme	continuation/divisional, at deleting inventor(s) not sked) copy of the oath or decaccompanying applicated. 1.27. d references commendments prior Filed	amed in the prior application is supplied und ion and is hereby incorp	cation) er porated
	Column 1 No. Filed	Column 2 No. Extra	Small Entity Rate Fee	Large Entity Rate Fee	
BASIC FEE	110. 1 1100	110. 17.114	\$375.00	\$ 750.00	
TOTAL CLAIMS	31 - 20 =	11	x 09 = \$0.00	x 18 = \$ 198.00	
INDEP CLAIMS	5 - 3 =	2	x 42 = \$0.00	x 84 = \$ 168.00	
MULTIPLE Depen	dent Claims Prese	ented	+ 140 = \$	+ 280 = \$	
If the difference in Col. 1 is	less than zero, Enter	"0" in Col. 2	Total \$ 0.00	Total \$1116.00	

Page 2 of3

DATE: August 28, 2003 A check in the amount of \$1156.00 is enclosed to cover the filing fee, PLUS the Assignment Recordation fee (\$40.00). Please charge my Deposit Account No. 50-0220 in the amount of \$_____ for the filing fee, PLUS the Assignment Recordation fee (\$40.00). The Commissioner is hereby authorized to credit overpayments or charge the following fees associated with this communication to Deposit Account No. 50-0220: a. Additional filing fees under 37 CFR 1.16 for presentation of extra claims. b. Additional patent application processing fees under 37 CFR 1.17. Respectfully submitted, Devin R. Jensen Registration No. 44,805 CERTIFICATE OF EXPRESS MAILING Date of Deposit: August 28, 2003 "Express Mail" mailing label number: EV 353607250 US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450,

ATTY DOCKET NO.: 5649-1

Sloan Smith

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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Sir: Kindly acknowledge reby placing your receiving Application Transmittal appecification pages 2 No. of Claims 30 Declaration & POA Assignment and Fee Small Entity Statement Formal Drawings/ \$ statement Formal Drawings/ \$ statement Formal Drawings/ \$ statement Exp. Mail Other:	ceipt of the accorng stamp hereon and:	Doc. N Scrial N Scrial N A 15: Invento mpanying items I and return mailir Check \$ IDS & PTO Amendment Preliminary A Issue Fee Brief Appeal	isted below ng: 156 — 1449 & r & Amend. Tra	efs.	
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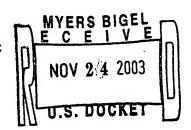
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UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/650,415	08/29/2003	2812	1116	5649-1123	8	31	5

20792 MYERS BIGEL SIBLEY & SAJOVEC PO BOX 37428 RALEIGH, NC 27627



CONFIRMATION NO. 6569

FILING RECEIPT

OC00000011326321

Date Mailed: 11/21/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Hyung-Suk Jung, Suwon-city, KOREA, REPUBLIC OF; Nae-In Lee, Seoul, KOREA, REPUBLIC OF; Jong-Ho Lee, Gunpo-city, KOREA, REPUBLIC OF; Yun-Seok Kim, Seoul, KOREA, REPUBLIC OF;

Domestic Priority data as claimed by applicant

COPY

Foreign Applications

REPUBLIC OF KOREA 02-54606 09/10/2002

If Required, Foreign Filing License Granted: 11/20/2003

Projected Publication Date: 03/11/2004

Non-Publication Request: No

11-24-03 A09:57 IN

Early Publication Request: No

Title

Post thermal treatment methods of forming high dielectric layers in integrated circuit devices

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